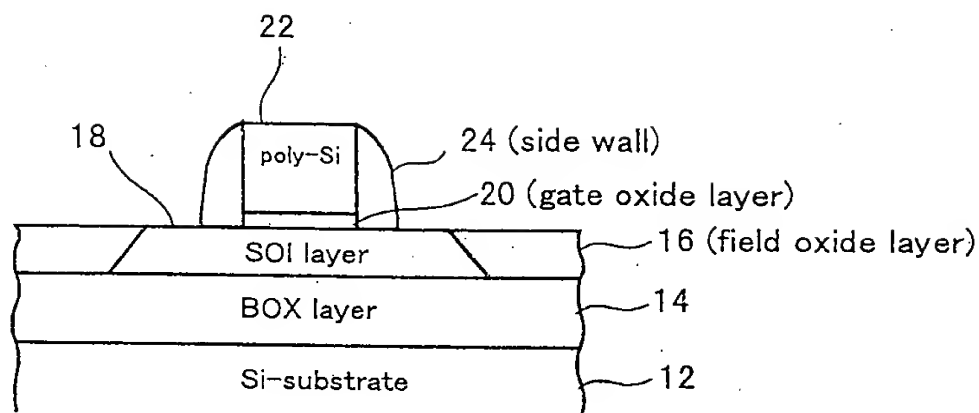
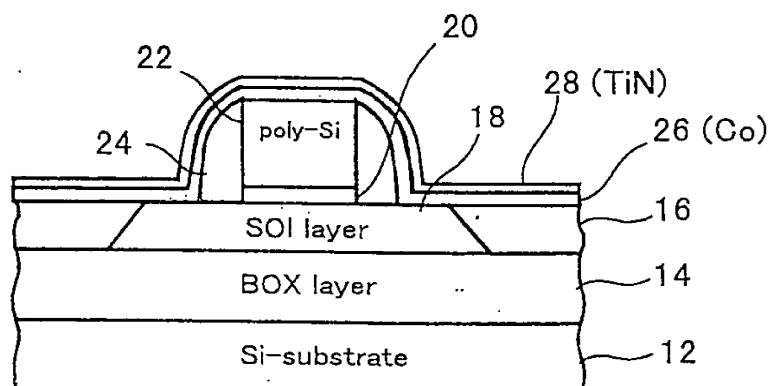


FIG. 1A
(PRIOR ART)



↓
 Sputtering
 (TiN, Co)

FIG. 1B
(PRIOR ART)



↓
 1st & 2nd RTA

FIG. 1C
(PRIOR ART)

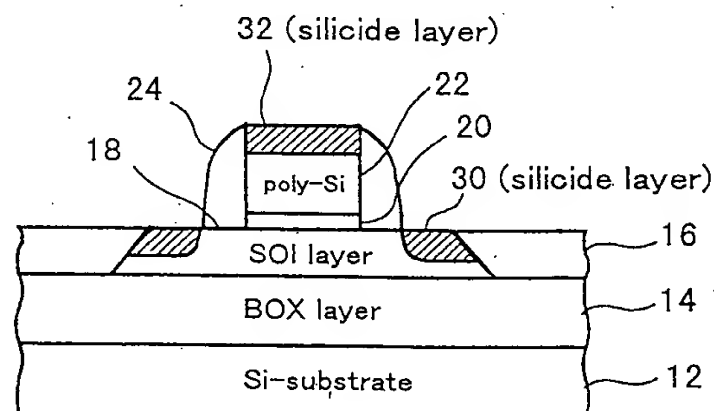
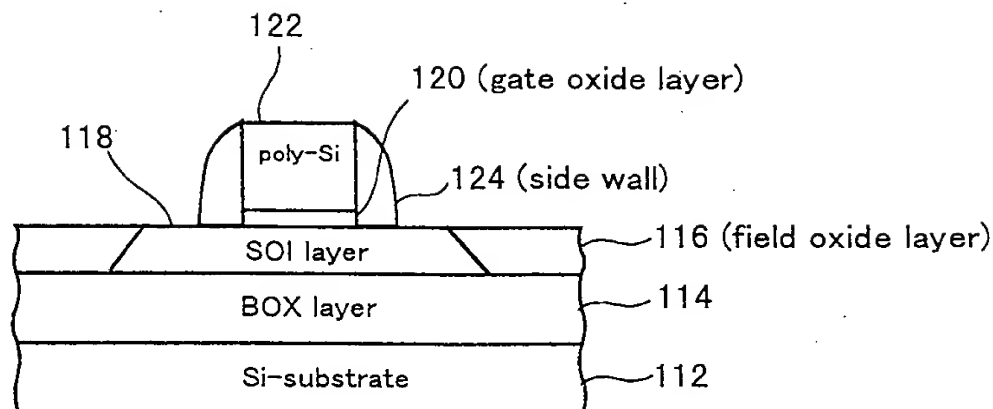
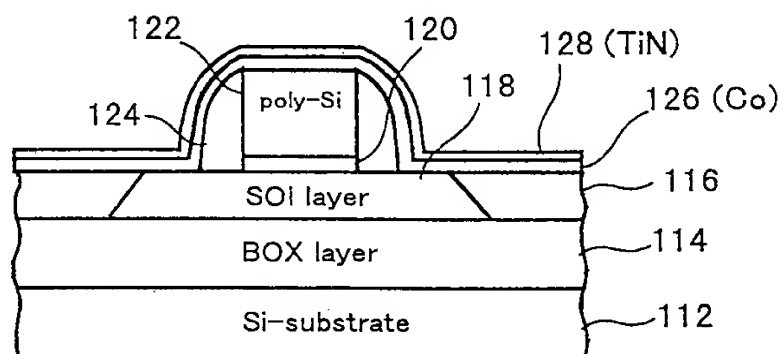


FIG. 2A



↓
 Sputtering
 (TiN, Co)

FIG. 2B



↓
 1st RTA

FIG. 2C

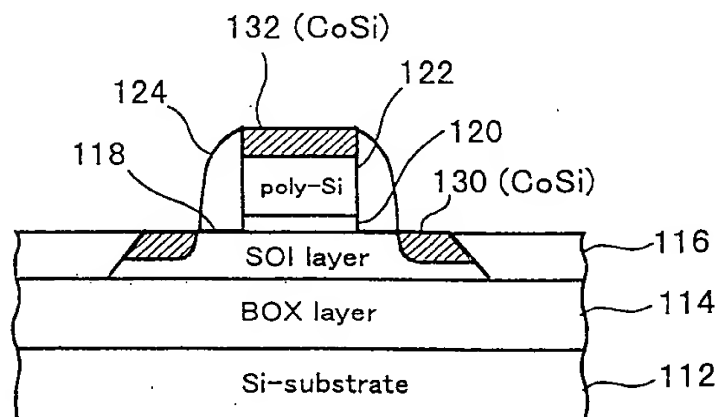
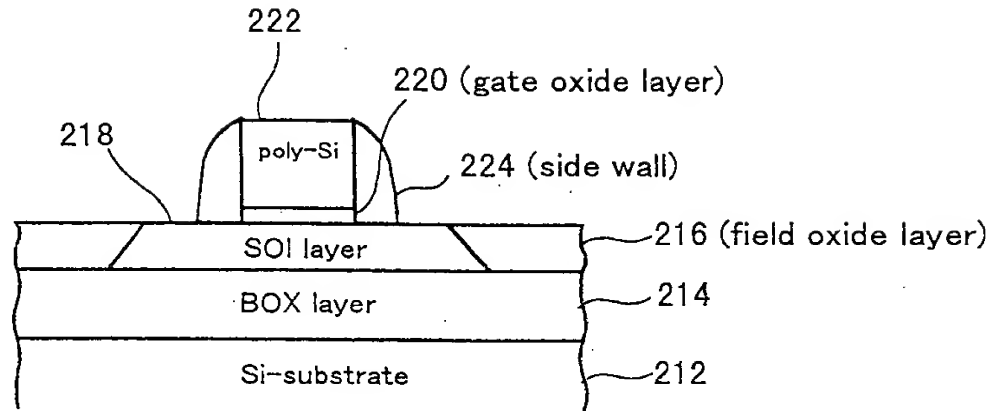
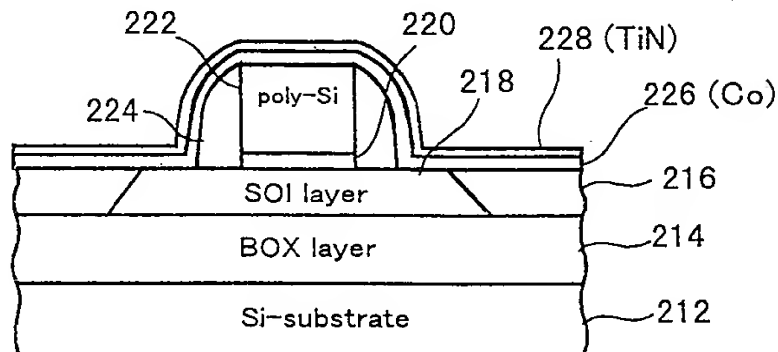


FIG. 3A



↓
 Sputtering
 (TiN, Co)

FIG. 3B



↓
 1st RTA

FIG. 3C

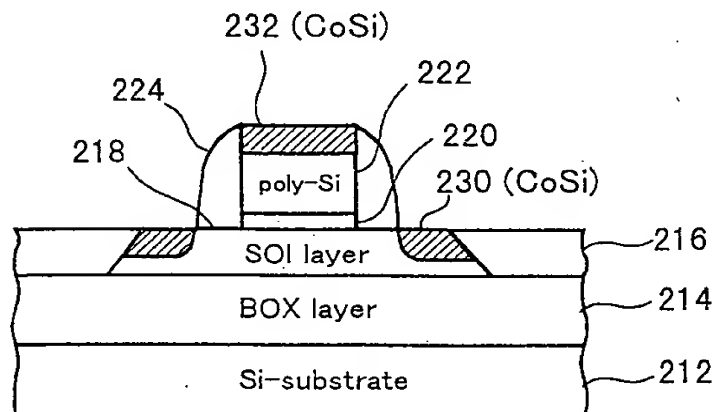
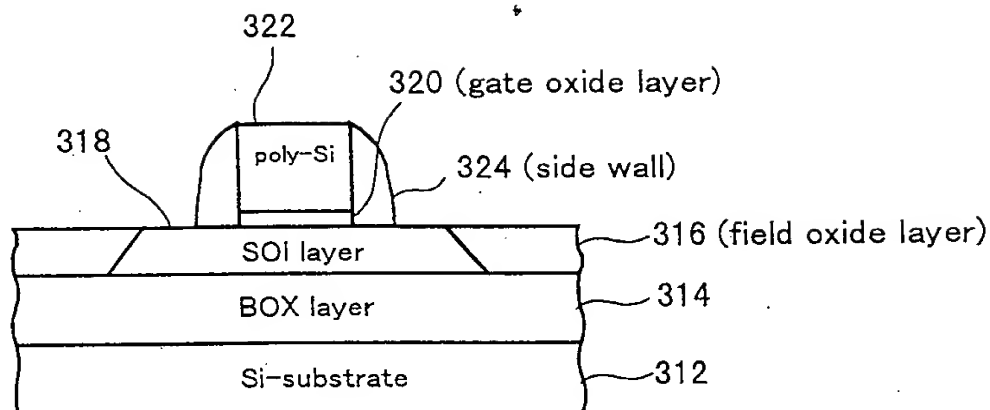
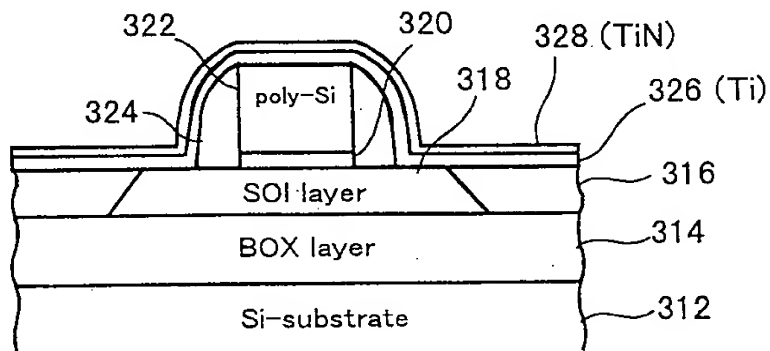


FIG. 4A



↓ Sputtering
(TiN, Co)

FIG. 4B



↓ 1st RTA

FIG. 4C

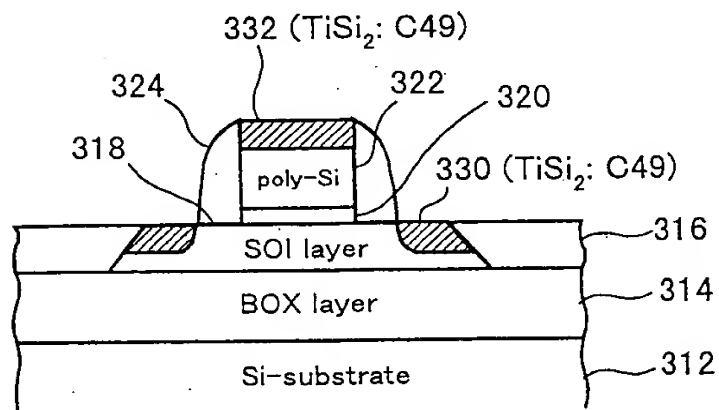


FIG. 6A

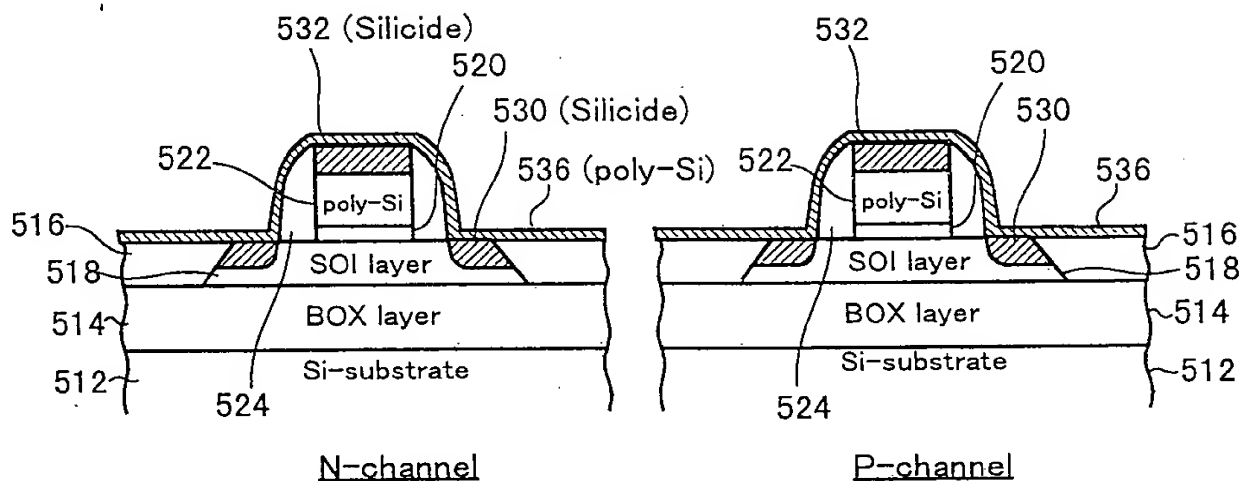


FIG. 6B

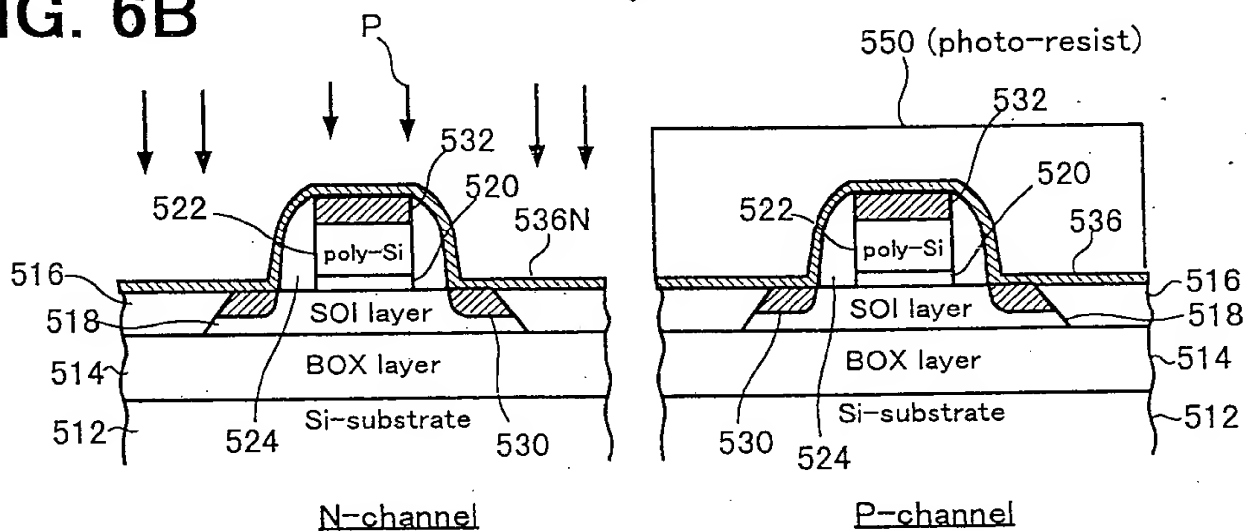


FIG. 6C

